



Cal OES

Daily Weather Threat Briefing

Regional Operations Center

Western Region

Tuesday, August 16



Day 1 (Tuesday): Increasingly hot temperatures will bring moderate to locally high heat risk impacts for many inland areas today, and even locations closer to the coast. Scattered monsoon thunderstorms will again be seen across the southern deserts and mountains and the central and southern Sierra. A few storms could bring locally heavy rainfall and flash flooding.



Weather Risk Outlook

Regional Operations Center
Western Region
Tuesday, August 16

	Tue, Aug 16	Wed, Aug 17	Thu, Aug 18	Fri, Aug 19	Sat, Aug 20	Sun, Aug 21	Mon, Aug 22			
Fire Weather Low RH / Wind / Dry T-Storms	Inland/ Southern	Inland (North)	Inland (North)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern			
Thunderstorms Wind / Hail / Tornadoes	Inland (Sierra)/ Southern	Inland (Mtns)/ Southern	Inland (Mtns)/ Southern	Inland (Mtns)/ Southern	Southern	Southern	Southern			
Heat	All Regions	Inland/ Southern	Inland/ Southern	Inland	Inland	Inland/ Southern	Inland/ Southern			
Cold										
River Flooding										
Wind										
Heavy Rain Flash Flooding / Debris Flow	Inland (Sierra)/ Southern	Inland (Sierra)/ Southern	Southern	Southern	Southern	Southern	Southern			
Snow										
Coastal Flooding										
Risk Levels	Little to None		Minor		Moderate		Major		Extreme	



Weather Key Points

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Western Region

Tuesday, August 16

- Temperatures will see a warming trend for most areas today, including coastal locations, with moderate to locally high heat risk impacts likely. Coastal areas will see cooler conditions return Wednesday through Saturday, while moderate to locally high heat risk impacts persist for many inland areas.
 - Overnight lows will remain quite warm in the 60s and 70s in many locations as well, increasing the risk for heat-related impacts
- Daily scattered showers and thunderstorms will continue across the southern mountains and deserts through the weekend
 - Additional scattered thunderstorms are expected along and east of the Sierra and across far northern California Tuesday through Friday
 - Some storms will be capable of producing locally heavy rainfall that may lead to flash flooding
 - Coverage of rainfall may also increase across portions of southeast California Friday and Saturday
- Scattered thunderstorms with dry lightning will bring increased fire weather concerns across the far northern California mountains and valleys for mid to late week, particularly Wednesday and Thursday. Outside of those areas, fire weather conditions will remain elevated most afternoons across the mountains and foothills, away from any rainfall.

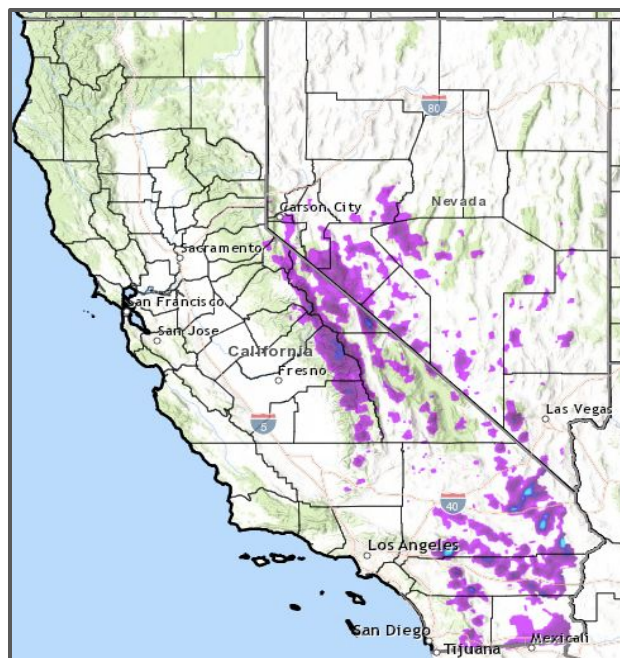


Precipitation Forecast

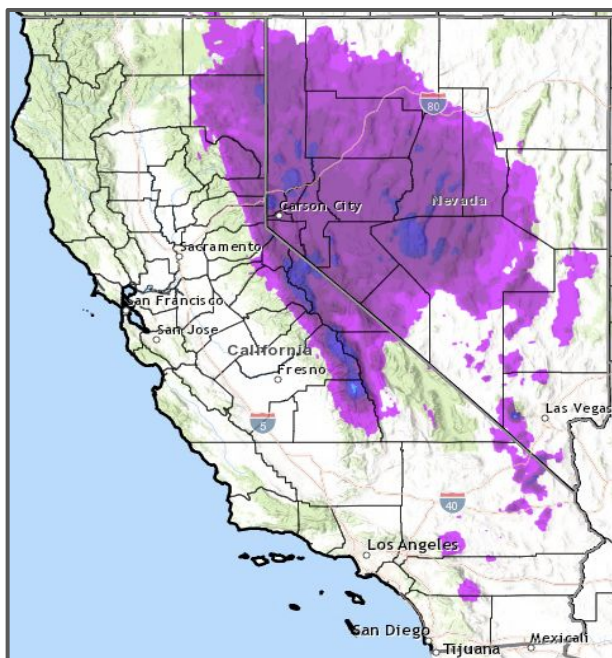
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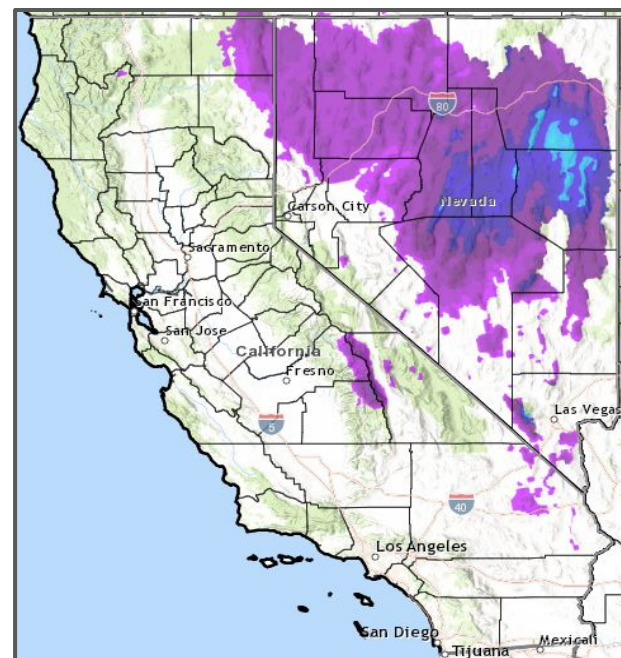
Tuesday, August 16



Tuesday



Wednesday



Thursday

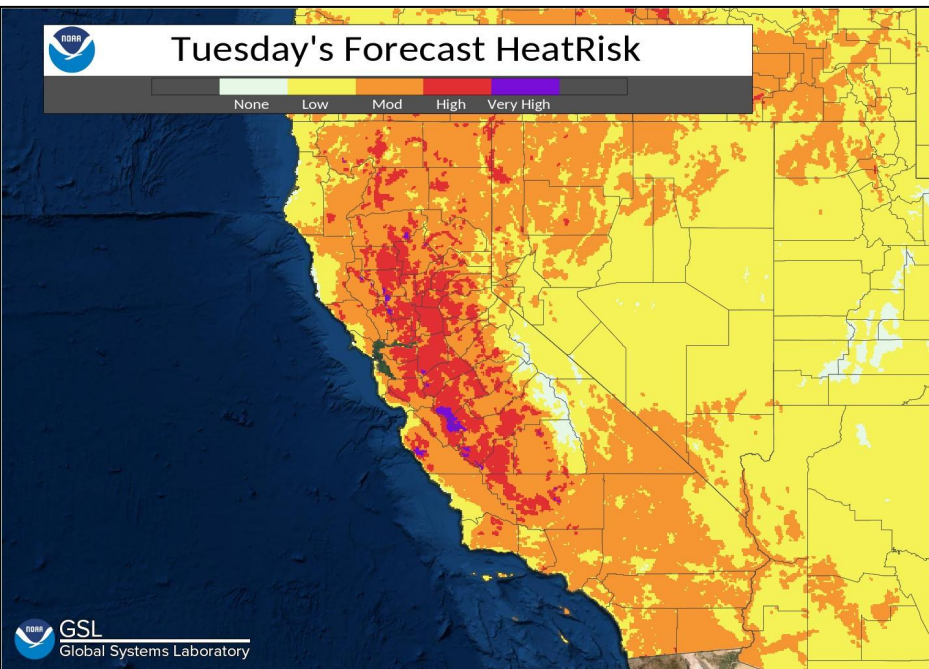
Important Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)



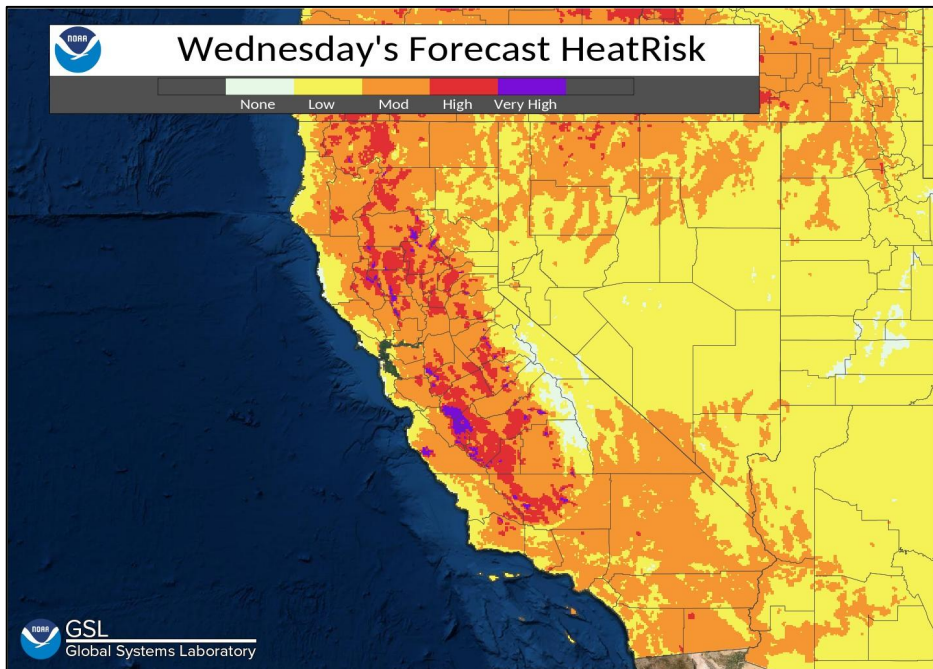
Tuesday's Forecast HeatRisk

None Low Mod High Very High



Wednesday's Forecast HeatRisk

None Low Mod High Very High

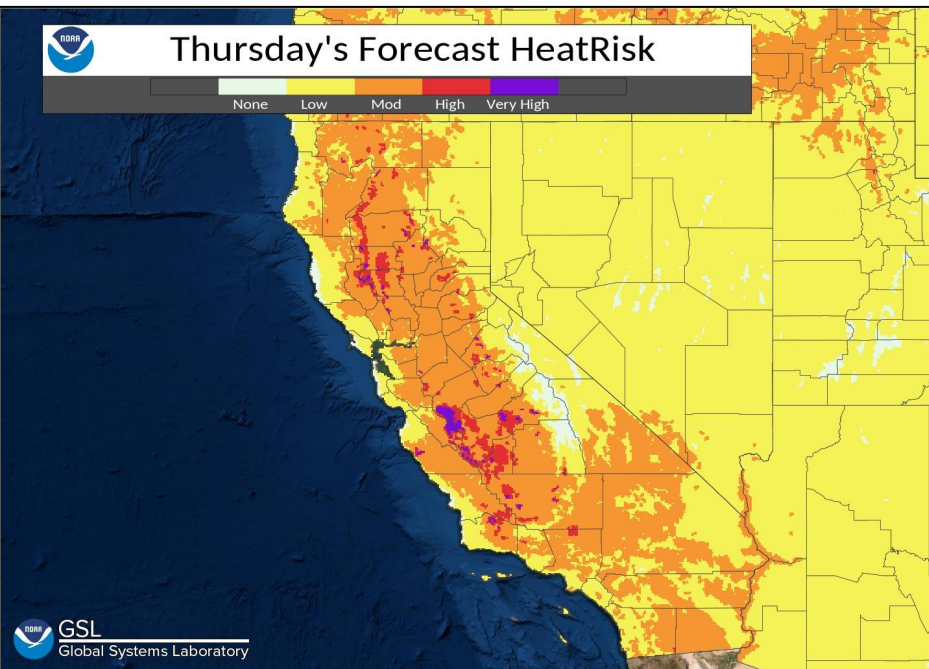


Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight

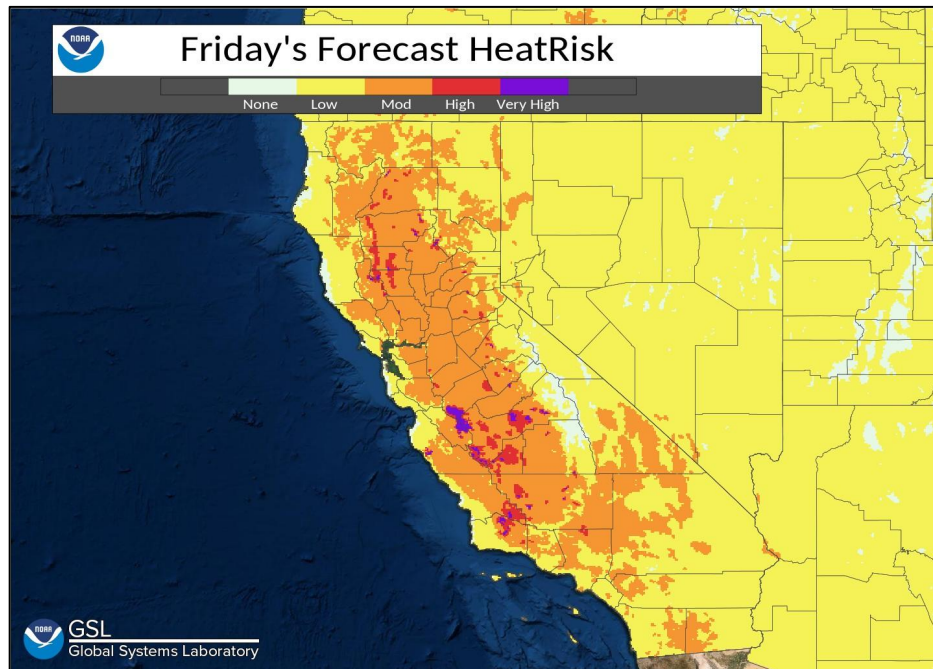
Thursday's Forecast HeatRisk

None Low Mod High Very High



Friday's Forecast HeatRisk

None Low Mod High Very High

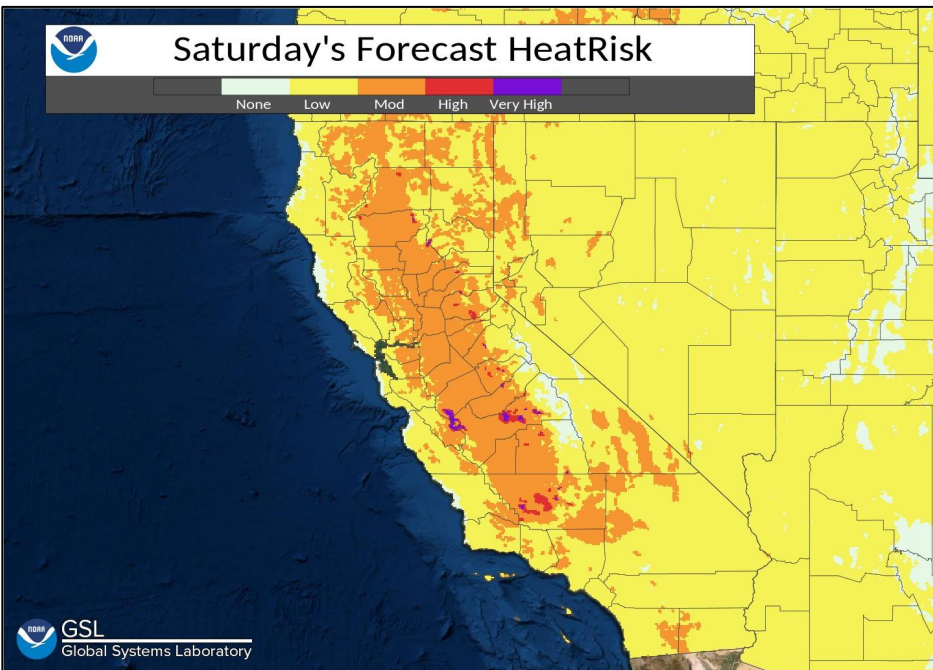


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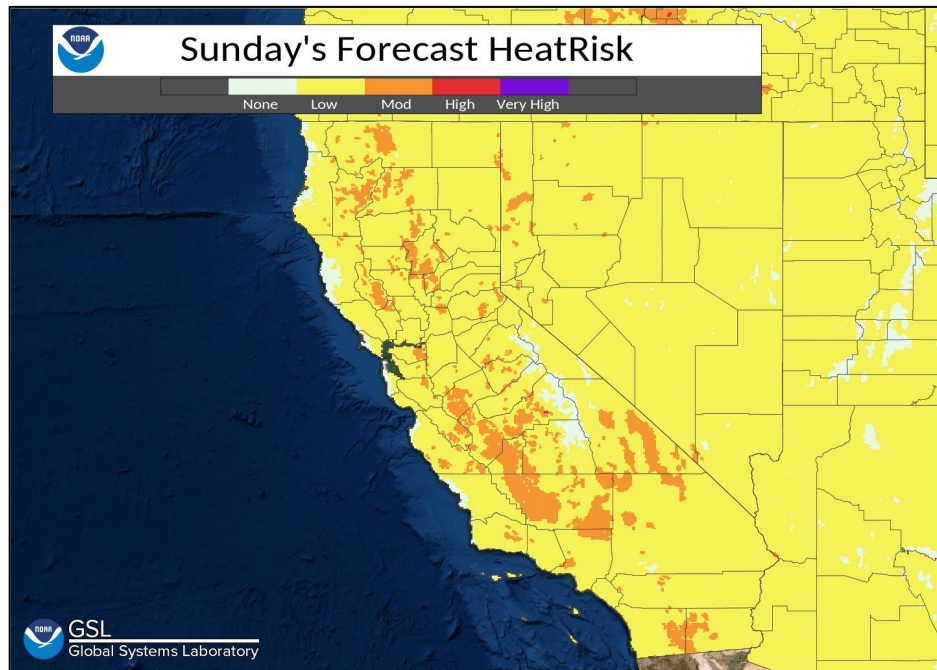
Saturday's Forecast HeatRisk

None Low Mod High Very High



Sunday's Forecast HeatRisk

None Low Mod High Very High



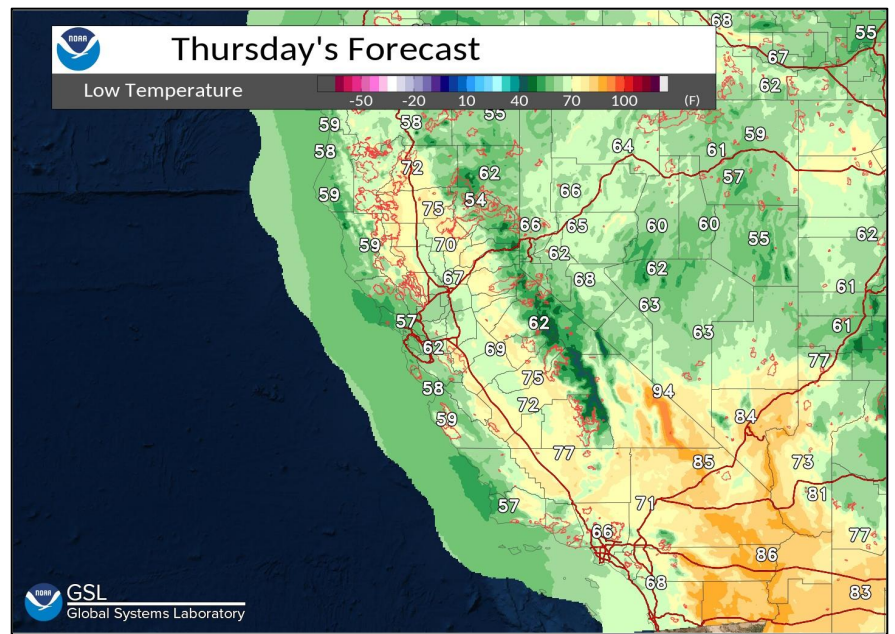
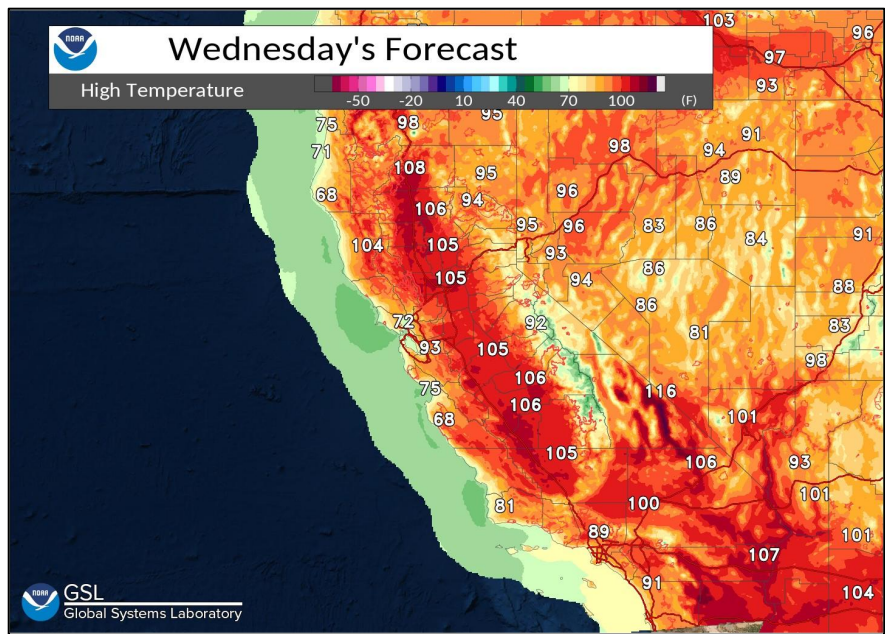
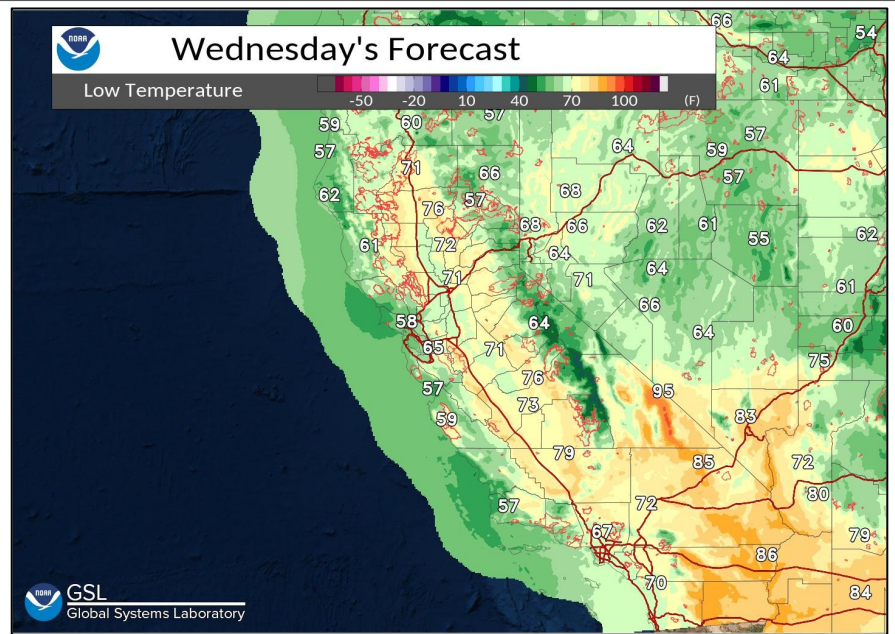
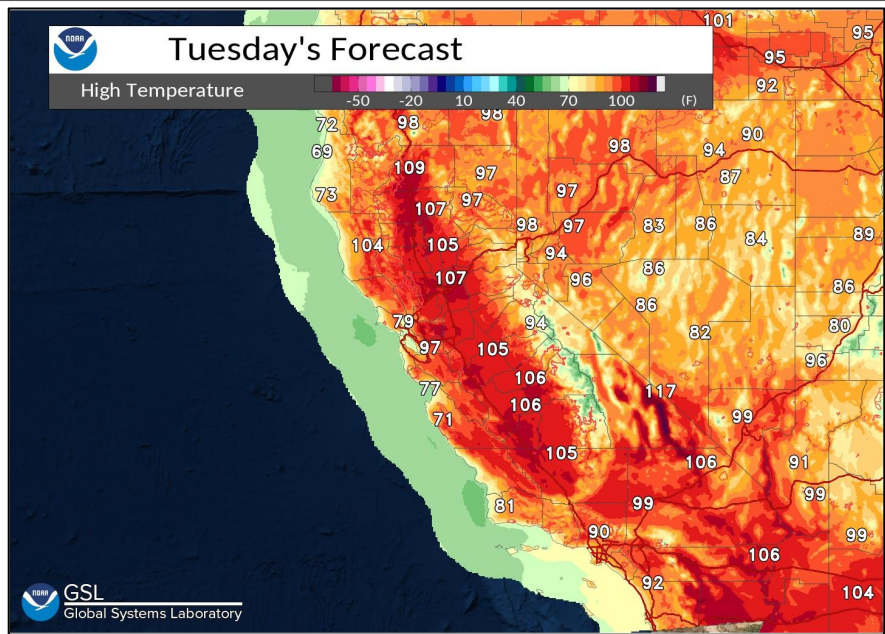
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Tue-Wed High/Low Temperatures

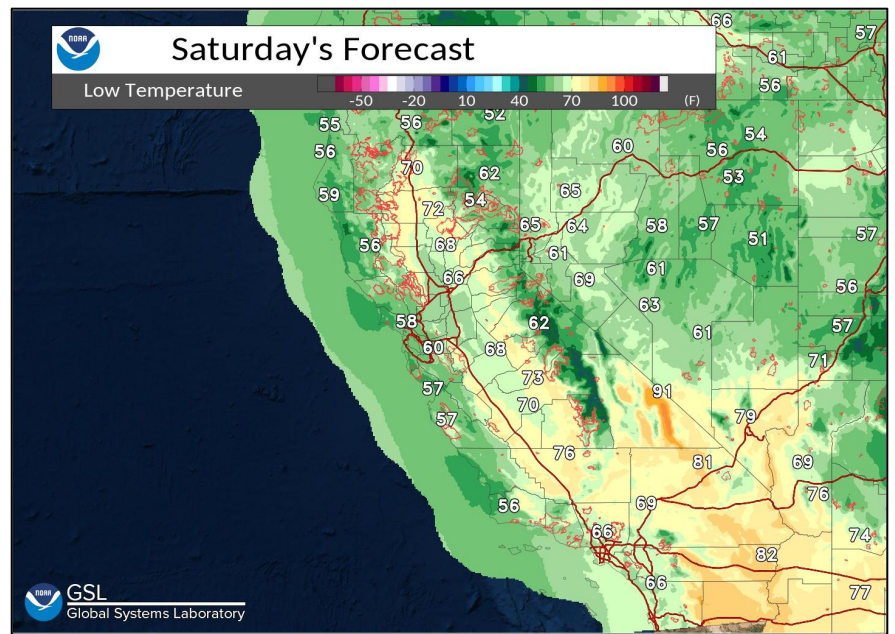
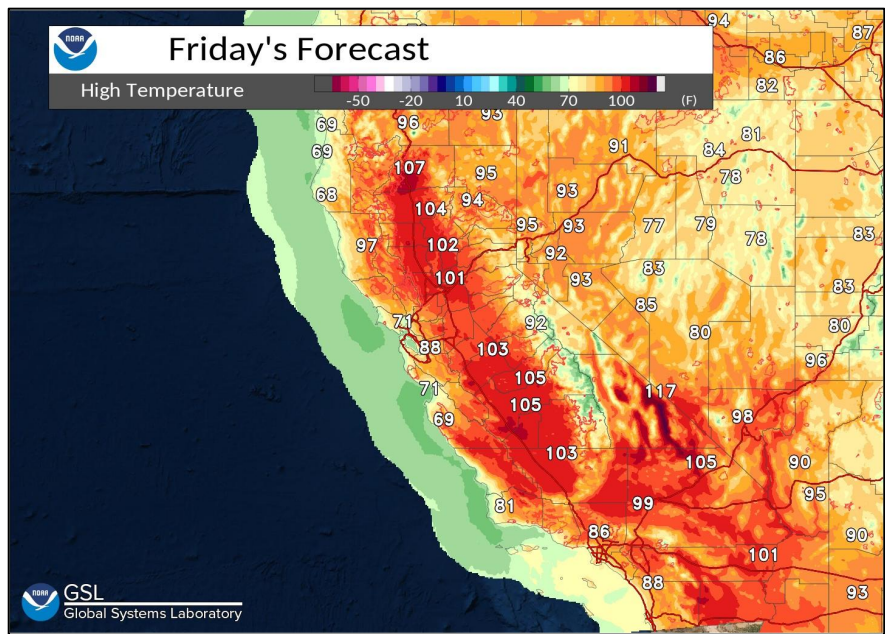
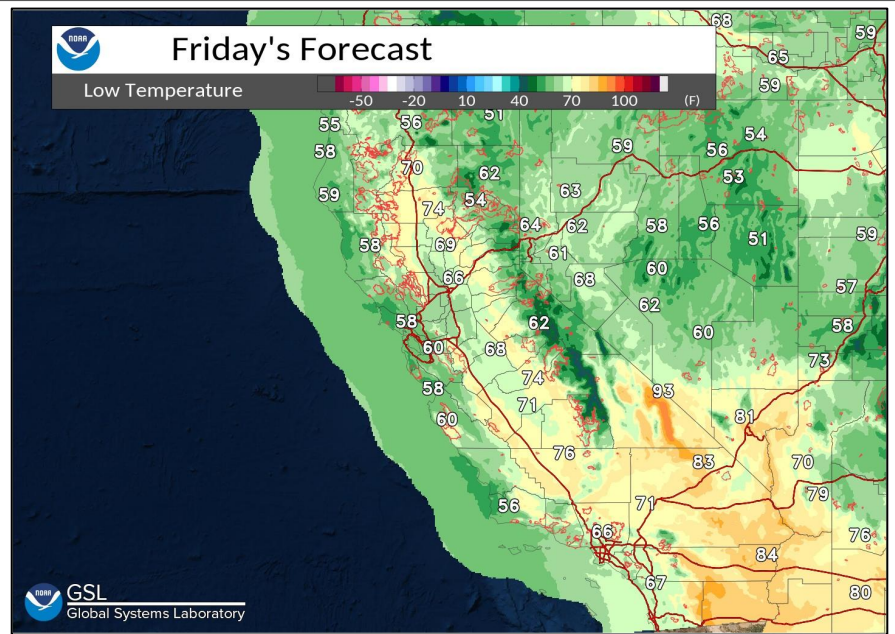
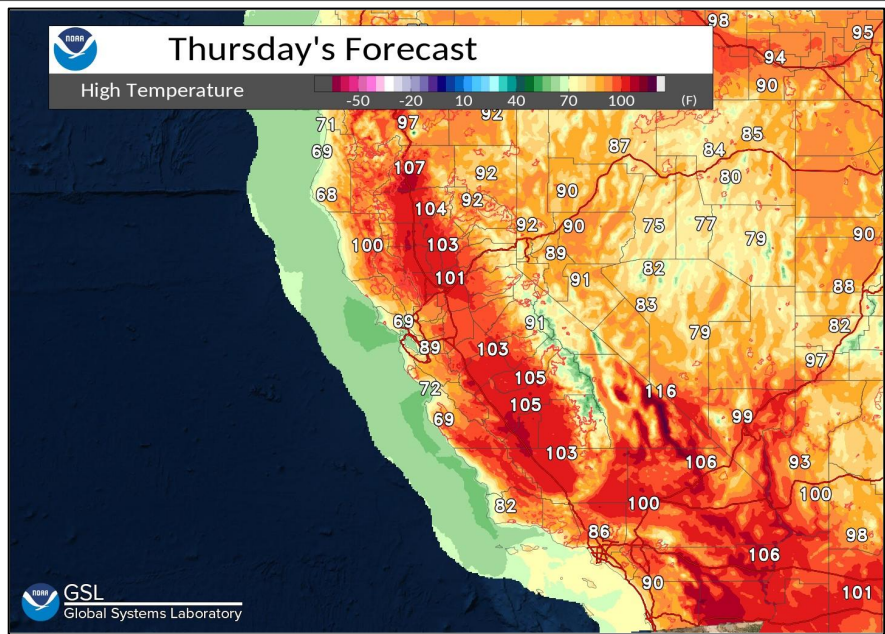
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Thu-Fri High/Low Temperatures

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Weather Outlook (6-14 Days)

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6-10 Day Outlook (August 21 – August 25)

Temperatures

- Above normal temperatures are favored for most areas, with the exception of far southeastern California where below normal temperatures are favored

Precipitation

- Above normal precipitation is favored for southern California, with near normal precipitation favored for central and northern parts of the state

8-14 Day Outlook (August 23 – August 29)

Temperatures

- Above normal temperatures are favored statewide

Precipitation

- Above normal precipitation is favored across much of central and southern California, with near normal precipitation favored across the north



Risk Assessment Matrix

Regional Operations Center

Western Region

Tuesday, August 16

Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
 - Localized impacts on commerce possible.
 - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
 - Impacts on commerce possible.
 - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
 - Significant impacts to commerce possible.
 - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
 - Significant and extended impacts to commerce.
 - Includes exceptionally rare events.

